
North America's Leader in Hazardous Material Information Management
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MSDS PRODUCT INFORMATION

Date: 10/07/2005
To: MSDS Requester
From: 3E Company
Subject: The MSDS you have requested

☐ MSDS NOT REQUIRED

In response to your request for a Material Safety Data Sheet, according to the OSHA Hazard Communication Standard (Right-to-Know), the following item is an article. Articles are defined in 29 CFR 1910.1200(c). Products such as Drugs, cosmetics, food, or alcoholic beverages, wood or wood products, and tobacco or tobacco products, as defined in 29 CFR 1910.1200(b)(6), are exempt from the Hazard Communication Standard. Items that are considered articles, as defined in 29 CFR 1910.1200(c), are also exempt from this Standard. Therefore, the manufacturer is not required to provide an MSDS for this product.

☒ MSDS DISCONTINUED PRODUCT

In response to your request for a Material Safety Data Sheet, the manufacturer has discontinued the product listed below. The MSDS Attached is the most current version, or an MSDS is no longer available.

☐ MSDS BEST COPY AVAILABLE

The MSDS attached is the best copy available from the manufacturer.

☐ MANUFACTURER NO LONGER IN BUSINESS

In response to your request for a Material Safety Data Sheet, a current MSDS could not be obtained for this product. It has been determined that the manufacturer listed below is no longer in business. A current address and phone number could not be located.

Manufacturer: Enforcer Products, Inc.

Product Name: Zep Commercial Outdoor Insect Perimeter Treatment Concentrate (DISCONTINUED)

MATERIAL SAFETY DATA SHEET

I. GENERAL INFORMATION

ENFORCER PRODUCTS, INC. P. O. BOX 1060 CARTERSVILLE, GA. 30120	MANUFACTURER'S PHONE NUMBER: (770) 386-0801 24 HOUR EMERGENCY NUMBER: 1-800-255-3924	HAZARD RATINGS: HEALTH_2_ REACTIVITY_1_ FLAMMABILITY_2_ PERSONAL PROTECTION _N/D_
PRODUCT NAME: ZEP® COMMERCIAL OUTDOOR INSECT PERIMETER TREATMENT CONCENTRATE		EPA REG. NO.: 3125-499-40849
PREPARED BY: TRÉSSIE B. DEMPSEY		DATE: NOVEMBER 24, 1997

II. INGREDIENTS

PRINCIPAL COMPONENTS	CAS NUMBER	PERCENT	OSHA PEL	ACGIH TLV	OTHER	HAZARD
CYANO(4-FLUORO-3-PHENOXYPHENYL)METHYL 3-(2,2-DICHLOROETHENYL)-2,2- DIMETHYLCYCLOPROPANECARBOXYLATE	68359-37-5	20%	N/E	N/E		
CYFLUTHRIN (PYRETHROID INSECTICIDE) INGREDIENT 1968(TRADE SECRET)	N/L	1-5%	N/E	N/E		
TOTAL CRYSTALLINE SILICA (QUARTZ)	14808-60-7	<1-7%	0.100mg/m ³	0.100mg/m ³		

III. PHYSICAL DATA

BOILING POINT: N/E	MOLECULAR WT.: 434.3 (FOR CY- FLUTHRIN)	VAPOR PRESSURE (mm Hg.): 3.3×10^{-8} mm Hg @ 20°C (FOR CYFLUTHRIN)
PERCENT VOLATILE BY VOLUME: N/E	BULK DENSITY: APPROX. 30 LB/CU- FT	EVAPORATION RATE (Butyl Acetate = 1): N/E
pH: 9.2 FOR 1% SOLUTION	SOLUBILITY IN WATER: 2 PPB (FOR CYFLUTHRIN)	
APPEARANCE & ODOR: TAN POWDER, SLIGHTLY AROMATIC		

IV. FIRE & EXPLOSION DATA

FLASHPOINT (Method used): N/A		AUTOIGNITION TEMPERATURE: N/A	FLAMMABLE LIMITS: N/A
LEL: N/A	UEL: N/A	EXTINGUISHING MEDIA: WATER, DRY CHEMICAL	
SPECIAL FIRE FIGHTING PROCEDURES:		SOLUTIONS AND MISTS ARE IRRITATING. FIREFIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL-PROTECTIVE CLOTHING WHEN FIGHTING FIRES THAT INVOLVE THIS PRODUCT.	
UNUSUAL FIRE & EXPLOSION HAZARDS:		NONE	

V. REACTIVITY HAZARD DATA

STABILITY: <input checked="" type="checkbox"/> STABLE UNSTABLE	CONDITIONS TO AVOID: NONE		
INCOMPATIBILITY (Materials to avoid):	ALKALINE MEDIA, REACTS WITH METHANOL, INCOMPATIBLE WITH MOST DISINFECTANTS.		
HAZARDOUS POLYMERIZATION:	<input type="checkbox"/> WILL OCCUR	<input checked="" type="checkbox"/> WILL NOT OCCUR	CONDITIONS TO AVOID: NONE
HAZARDOUS DECOMPOSITION PRODUCTS: NONE NOTED.			

VI. HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: INHALATION [X] INGESTION SKIN ABSORPTION [X] EYE NOT HAZARDOUS			
ACUTE EFFECTS OF OVEREXPOSURE: THE ACTIVE INGREDIENT IN THIS PRODUCT HAS LOW TOXICITY AND NO SPECIFIC SYSTEMIC SYMPTOMS OF OVEREXPOSURE ARE KNOWN TO OCCUR IN HUMANS. MILD EYE OR SKIN IRRITATION SUCH AS ITCHING, STINGING, REDNESS OR RASH MAY OCCUR FROM CONTACT WITH THE POWDER OR SPRAY MIXTURE. PARESTHESIA (A TINGLING OR BURNING SENSATION ON THE SURFACE OF THE SKIN) MAY ALSO RESULT FROM SKIN CONTACT. THIS IS A FREQUENTLY REPORTED SYMPTOM ASSOCIATED WITH SUFFICIENT DERMAL EXPOSURE TO SYNTHETIC PYRETHROIDS AND NORMALLY SUBSIDES WITHOUT TREATMENT WITHIN 24 HOURS. THE ONSET OF THESE SYMPTOMS USUALLY OCCURS 2-12 HOURS AFTER EXPOSURE. MUCOUS MEMBRANE IRRITATION INVOLVING THE NOSE, THROAT AND UPPER RESPIRATORY TRACT MAY OCCUR FROM INHALATION OF AEROSOLS DURING END USE OF THE PRODUCT SUCH AS SPRAY APPLICATION.			
CHRONIC EFFECTS OF OVEREXPOSURE:		BASED ON ANIMAL STUDIES, NO ADVERSE EFFECTS OR SYMPTOMS WOULD BE EXPECTED FROM CHRONIC EXPOSURE TO THE ACTIVE INGREDIENT IN THIS PRODUCT DURING NORMAL USE. THIS PRODUCT MAY CONTAIN AN AMOUNT OF TOTAL CRYSTALLINE SILICA WHICH RANGES FROM LESS THAN 1% TO APPROXIMATELY 7%. HOWEVER, THE AMOUNT OF RESPIRABLE CRYSTALLINE SILICA IS EXPECTED TO BE SIGNIFICANTLY LOWER BASED ON DATA PROVIDED BY THE RAW MATERIAL MANUFACTURER. EXCESSIVE LONG-TERM EXPOSURE TO RESPIRABLE CRYSTALLINE SILICA MAY CAUSE SILICOSIS, A FORM OF PROGRESSIVE PULMONARY FIBROSIS. SEVERE AND PERMANENT LUNG DAMAGE MAY RESULT.	
CARCINOGENICITY:	NTP? QUARTZ = GROUP 2 CARCINOGEN	IARC? QUARTZ = GROUP 2A CARCINOGEN	OSHA REGULATED ? NOT REGULATED
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:		UNKNOWN. PERSONS WITH A HISTORY OF ASTHMA, EMPHYSEMA, OR HYPER-REACTIVE AIRWAYS DISEASE MAY BE MORE SUSCEPTIBLE TO OVEREXPOSURE. IN ADDITION, PULMONARY AND RESPIRATORY DISEASE MAY BE AGGRAVATED BY EXPOSURE TO RESPIRABLE CRYSTALLINE SILICA.	
EMERGENCY FIRST AID PROCEDURES:			
INGESTION:	CALL A POISON CONTROL CENTER OR PHYSICIAN. DRINK ONE OR TWO GLASSES OF WATER AND INDUCE VOMITING BY TOUCHING BACK OF THROAT WITH FINGER, OR, IF AVAILABLE, BY ADMINISTERING SYRUP OF IPECAC AT THE RATE OF 1 TABLESPOONFUL (15 ML) FOLLOWED BY 1-2 GLASSES OF WATER. IF VOMITING DOES NOT OCCUR WITHIN 20 MINUTES, REPEAT THE DOSE ONCE. DO NOT INDUCE VOMITING OR ADMINISTER FLUIDS TO AN UNCONSCIOUS PERSON. GET MEDICAL ATTENTION IMMEDIATELY. NOTE TO PHYSICIAN: ANTIDOTE: NO SPECIFIC ANTIDOTE IS AVAILABLE. TREAT VICTIM SYMPTOMATICALLY. PUBLISHED DATA INDICATES VITAMIN E ACETATE CAN PREVENT AND/OR MITIGATE SYMPTOMS OF PARESTHESIA CAUSED BY SYNTHETIC PYRETHROIDS.		
SKIN CONTACT:	WASH SKIN IMMEDIATELY WITH SOAP AND WATER. IF IRRITATION RESULTS AND PERSISTS, SEE A PHYSICIAN.		
INHALATION:	REMOVE VICTIM TO FRESH AIR. IF BREATHING DOES NOT RETURN TO NORMAL WITHIN A FEW MINUTES, GET MEDICAL ATTENTION IMMEDIATELY.		
EYE CONTACT:	IMMEDIATELY FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES, LIFTING UPPER AND LOWER LIDS PERIODICALLY. IF IRRITATION RESULTS AND PERSISTS, GET MEDICAL ATTENTION.		

VII. CONTROL AND PROTECTIVE MEASURES

EYE PROTECTION:	CHEMICAL GOGGLES.
RESPIRATORY PROTECTION (specify):	NOT REQUIRED FOR INTENDED USE. IF SPRAYED IN AN ENCLOSED AREA, MIST MASK RECOMMENDED.
SKIN PROTECTION:	AVOID SKIN CONTACT. RUBBER OR NEOPRENE GLOVES RECOMMENDED TO REDUCE SKIN CONTACT & FOR PERSONS WITH SENSITIVE SKIN.
VENTILATION:	GENERAL EXHAUST WHEN USED IN AN ENCLOSED AREA.
OTHER PROTECTION:	WEAR LONG SLEEVED CLOTHING TO PREVENT DERMAL CONTACT. WASH PRODUCT FROM CLOTHING AND SKIN. USE GOOD HOUSEKEEPING PRACTICES.

VIII. SPECIAL PRECAUTIONS

HANDLING AND STORING PROCEDURES:	KEEP CLOSED WHEN NOT IN USE. STORE IN A COOL, DRY AREA DESIGNATED SPECIFICALLY FOR PESTICIDES. DO NOT STORE NEAR ANY MATERIAL INTENDED FOR USE OR CONSUMPTION BY HUMANS OR ANIMALS.
RELEASE OR SPILL PROCEDURES:	FOR LARGE SPILLS, ISOLATE AREA. AVOID BREATHING DUSTS AND AVOID SKIN CONTACT. USE RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT. CAREFULLY SWEEP UP AND PLACE IN COVERED CONTAINER. CONSULT LOCAL, STATE, AND FEDERAL REGULATIONS REGARDING DISPOSAL. SCRUB CONTAMINATED AREA WITH SOAP AND WATER. REPEAT AND RINSE WITH WATER. PREVENT CONTAMINATION OF WATERWAYS. DO NOT REUSE CONTAINER.
WASTE DISPOSAL METHOD:	FOLLOW ALL FEDERAL, STATE, AND LOCAL REGULATIONS. BURY MATERIAL IN EPA-APPROVED LANDFILL OR BURN IN AN INCINERATOR APPROVED FOR PESTICIDE DESTRUCTION. DO NOT REUSE CONTAINER.
OTHER PRECAUTIONS:	KEEP THIS AND ALL CHEMICALS OUT OF REACH OF CHILDREN AND PETS.

IX. ADDITIONAL INFORMATION

PROPER DOT SHIPPING NAME: NOT DOT/IMO REGULATED.

BIODEGRADABILITY: NOT BIODEGRADABLE

EMPTY CONTAINER HANDLING: WARNING! EMPTIED CONTAINER RETAINS PRODUCT RESIDUE. OBSERVE ALL PRECAUTIONS EVEN AFTER CONTAINER IS EMPTIED. KEEP EMPTIED CONTAINER CLOSED TIGHTLY.

ADDITIONAL MANUFACTURER WARNINGS:

TSCA STATUS: EXEMPT

RECOMMENDED HAZARD SUMMARY (DEFINED BY 29 CFR 1910.1200): IMMEDIATE HEALTH HAZARD.

NOTE: "NI" MEANS NOT INDICATED.

OTHER PRECAUTIONS AND COMMENTS: THE INFORMATION AND STATEMENTS IN THIS MATERIAL SAFETY DATA SHEET ARE BELIEVED TO ACCURATELY REFLECT THE SCIENTIFIC EVIDENCE USED IN MAKING THE HAZARD DETERMINATION, BUT IS NOT TO BE CONSTRUED AS A WARRANTY OR REPRESENTATION FOR WHICH WE ASSUME LEGAL RESPONSIBILITY. ADDITIONAL INFORMATION MAY BE NECESSARY OR DESIRABLE DEPENDING ON PARTICULAR, EXCEPTIONAL OR VARIABLE CONDITIONS OR CIRCUMSTANCES OF USE OR STORAGE OR BECAUSE OF LOCALLY APPLICABLE LAWS OR GOVERNMENT REGULATIONS. THEREFORE, YOU SHOULD USE THIS INFORMATION ONLY AS A SUPPLEMENT TO OTHER INFORMATION AVAILABLE TO YOU AND MUST MAKE INDEPENDENT DETERMINATIONS OF THE SUITABILITY OF THE INFORMATION FOR YOUR PARTICULAR CIRCUMSTANCES OR CONDITIONS AND OF THE COMPLETENESS OF THE INFORMATION AVAILABLE FROM ALL SOURCES TO ASSURE BOTH THE PROPER USE OF ALL THE MATERIAL DESCRIBED HEREIN AND THE SAFETY AND HEALTH OF EMPLOYEES.

THIS INFORMATION COMPLIES WITH OSHA HAZARD COMMUNICATION STANDARD 29 CFR 1910.1200.

***** END OF REPORT *****